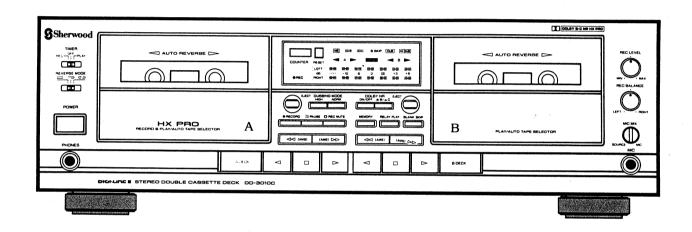
# SERVICE MANUAL

### **DD-3010C**

### STEREO DOUBLE CASSETTE DECK



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### Safety Precaution

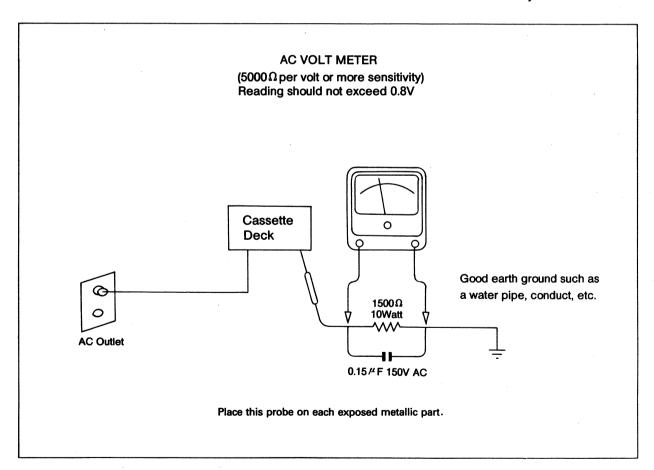
#### **WARNING**

Service should not be attempted by anyone unfamiliar with the necessary precautions on this player. The following precautions are necessary during servicing.

- 1. Many electrical and mechanical parts in this player have special characteristics often pass unnoticed and the protection afforded by them cannot necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts that have these special safety characteristic are identified in this manual and its supplements: electrical components having such features are identified by a Ain the schematic diagram and the parts list. Before replacing any of these components, read the parts list in this manual carefully. The use of substitute replacement parts that do not have the same safety characteritics as specified in the parts list may create shock, fire or other hazards.
- Before returning the set to the customer, always perform an AC leakage current check on the exposed metallic parts of the cabinet, such as

terminals, screwheads, metal overlays, etc. to be sure the set is safe to operate without danger of electrical shock. Plug the AC line cord directly into a 120V AC outlet(120V Version only).(Do not use a line isolation transformer during this check.) Use an AC voltmeter having  $5000\Omega$  per volt or more sensitivity in the following manner: Connect a  $1500\Omega$  10watte resistor paralleled by a  $0.15\,^{\mu}$ F 150V AC capacitor, between a known good earth ground(water pipe, conduct, etc.)and the exposed metallic parts, one at a time. Measure the AC voltage across the combination of  $1500\Omega$  resistor and  $0.15\,^{\mu}$ F capacitor. Reverse the AC plug

at the AC outlet and repeat AC voltage measurements for each exposed metallic part. Voltage measured must not exceed 0.3 volts RMS. This corresponds to 0.2mA AC. Any value exceeding this limit constitutes a potential shock hazard and must be corrected immediately.

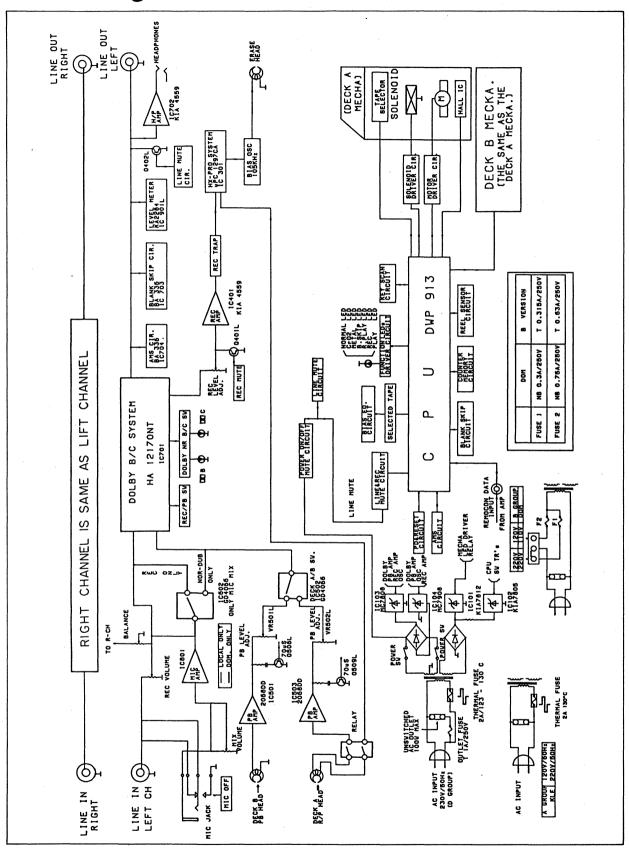


### **Specifications**

Track Configuration	
The 4-track, 2-channel and rotary reverse heads & Stereo Cassette Deck motors.	
1 - Electronic Governor 1 - High Torgue DC Motor(Reel)	
Mechanism	
1 - Motor, 1 - Solenoid Mechanism Heads	
Pee / Playbook Heed	Dormollar
Rec / Playback Head ······ Hard Erase Head ···· Double G	Permanoy
Tape Speed 1 and 7/8 IPS(4.76cm/sec) ±1.0	ap remie
(FWD/REV)	)/ <u>1.0%</u>
(FWD/ REV)	nan () 13%
Wow Flutter(WRMS)	ut 120eac
Input Sensitivity Impedance	ut 1203 <del>6</del> 6
MIC 0.5mV/	17k ohme
Line	47k ohme
Output Level / Impedance	TIK GIIIIS
Line	l 2k ohms
Signal to Noise Ratio(W.CCIR / ARM)	Oillis
CrO2 Tape with Dolby B / C NR · · · · · · · More than	64 / 75dB
CrO2 Tape without Dolby NR	han 55dB
Frequency Response(- 20dB REC Dolby NR off)	
Normal Tape 20Hz - 17.500kl	dz. ±3dB
CrO2 Tape 20Hz - 17,500kl	Hz. ±3dB
Metal Tape	Hz. ±3dB
THD(1kHz, 0dB Rec)	than 1.0%
Channel Separation More to	than 40dB
Power Consumption ·····	····· 18W
Power Requirements;	
A:120V 60Hz for American/Canadian Version	
B: 120 / 220V, 60 / 50Hz for Multi - voltage Version(switchable)	
C: 230V 50Hz for General European Version	
D: 230V 50Hz for German / Italian Version	•
E: 240V 50Hz for U.K / Australian Version	
F: 230V 50Hz for Swiss / Scandinabian Version	
KLE: 220V 50Hz for Tailand	
Dimensions	245(D)mm
17.3(W)×4.9(H)× Weight(Net)	9.6(D)inch
Weight(Net) 5.2kg(11	os, 7.4 oz)

Note: Component and circuity are subject to modification to insure best operation under differing local conditions. This manual is based on the European standard, and provides information on regional circuit modification through use of alternate schematic diagram, and information on regional component variations though use of parts list. Design and Specifications subject to change without notice for improvement.

### **Block Diagram**



### Alignment Procedures

#### **Before Measurements and Adjustment**

The following general conditions apply to the electrical measurements and adjustments unless especially stated otherwise.

- Dolby NR switch off.
- Volume control: Recording level VR901 max.
- Use 500mV(200mwb/m) for 0dB as the standard level of the unit.

#### Test tape

- TCC 155 Azimuth(14kHz, 24dB)
   TCC 112 Tape speed(3kHz, 10dB)
   TCC 130 Playback level (Dolby NR ref. tape 400Hz, 0dB)
- TCC 185C Playback frequency response

#### --- Reference Tape

Normal — TDK AC - 224
 CrO<sub>2</sub> — TDK AC - 513
 Metal — TDK AC - 712

#### 2. Instrument required

- Audio frequency oscillator
- ACVM or dual channel, mV-meter
- Wow / Flutter meter
- Oscilloscope

#### Playback section

Adjustment	Test tape	Mode	Apply signal to	Measure on	Read on	Adjust with	Adjust to
Head Azimuth	TCC - 155 14kHz (A.BEX)	FWD Play (A & B Deck)		Line output	ACmV - meter Oscilloscope	Adjusting a reft screw of head	Max *a  ● Lissajous' figure become
		REV play (A & B Deck)				Adjusting a right screw of head	a straight line with an angle 45 degrees
Playback	TCC-112	Play			Wow and	A Deck VR201	*b
Speed	3kHz	(A & B Deck)	ļ		Flutter Meter	&	3000Hz ± 30Hz
at normal	- 10dB(A.BEX)		l			B Deck VR203	
Playback	TCC-112			·		A Deck VR202	
Speed	3kHz					&	4500Hz ± 45Hz
at Hi - speed	- 10dB(A.BEX)					B Deck VR204	
Playback Level	TCC - 130 400Hz 0dB				ACmV - meter	A Deck VR502L/R	500mV
	(A.BEX)					B Deck VR510L / R	
Playback	TCC-185C	] .			ACmV-	· ·	See graph Fig. 3
frequency	12.5kHz,1kHz,			1	-meter		freq. response
responce	60Hz(A.BEX)						' '

#### **Recording section**

Adjustments	Test tape	Mode	Apply signal to	Measure on	Read on	Adjust with	Adjust to
Bias OSC Frequency	AC - 712 (TDK)	Rec / Pause		White color of CNT302	Frequency Counter	L305	105kHz ± 400Hz
105kHz trap suppression	AC - 712 (TDK)			TP2L/R	ACmV - meter Oscilloscope	L301L/R	Minimize the reading on ACVM

Adjustments	Test tape	Mode	Apply signal to	Measure on	Read on	Adjust with	Adjust to
Target value Bias	Metal AC - 712			TP1L/R		VR301L/R	AC40V
	CrO2, AC-513 Normal, AC - 224					VR303 VR302	AC20V AC10V
Recording Level	AC - 712 (TDK)		400Hz to Line	Line out		VR701L/R	About 18mV *c
Bias	AC - 712 AC - 513	Rec / Pause	400Hz to Line	Line out	ACmV - meter	See Target Value Bias	If it necessary
·	AC - 224 (TDK)		4kHz - 6.3kHz 10kHz - 12kHz 14kHz - 16kHz to Line in		Recording numbers ency with the sa voltage and play	me input	repeat bias adjustment
19kHz suppression	Arbitrary Tape	Rec / Pause	400Hz to Line in	Line input	ACmV - meter	LF Generator	100mV
				Line output	ACmV - meter Oscilloscope	L701L/R	Minimize the reading on ACVM

#### Note:

- \*a. Prior to any measurement or adjustment with the tape running, heads and tape guides should be degaussed and cleand. Referenc below the figure. \*b. The maximum permissible speed variation  $\pm$  1.0%. Moreover the Wow and Flutter can be read.
- This value should not be exceed 0.2%.
- \*c. The voltage on Line out should be 500mV  $\pm$  20mV. If not, it reduces the LF signal(bias disabled) as many as the reading was too low or too high by VR502L/R and VR 501L/R.
- \*d. When the channel is adjusted, this may slightly affect the adjustment of the other channel. If the adjustment is correct, the frequency response curve will be similar to curve b in figure 4, distortion below 3%.

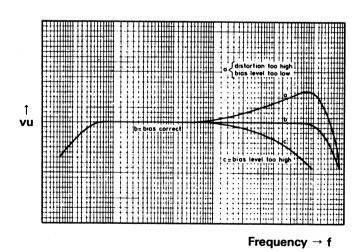
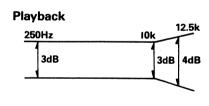


Fig. 2



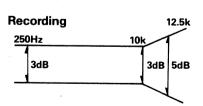
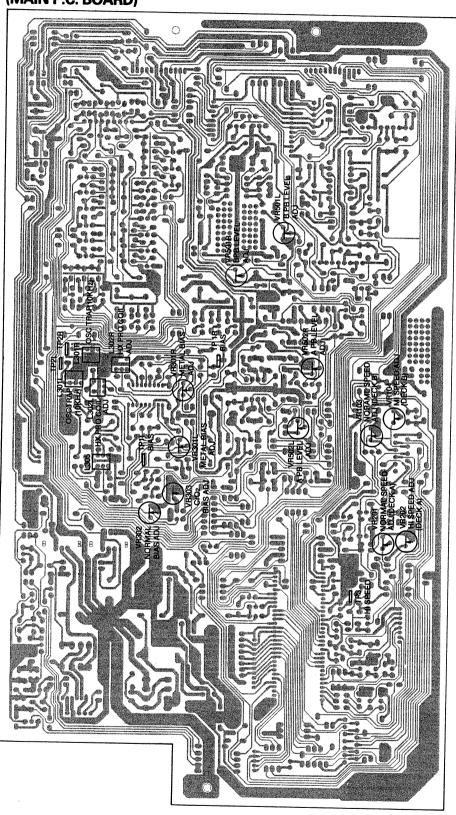
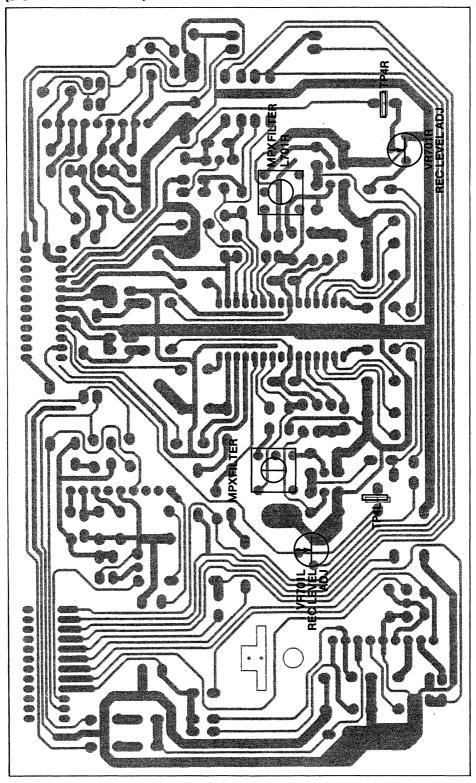


Fig. 1 Allowable Playback/Recording Frequency Response Zone

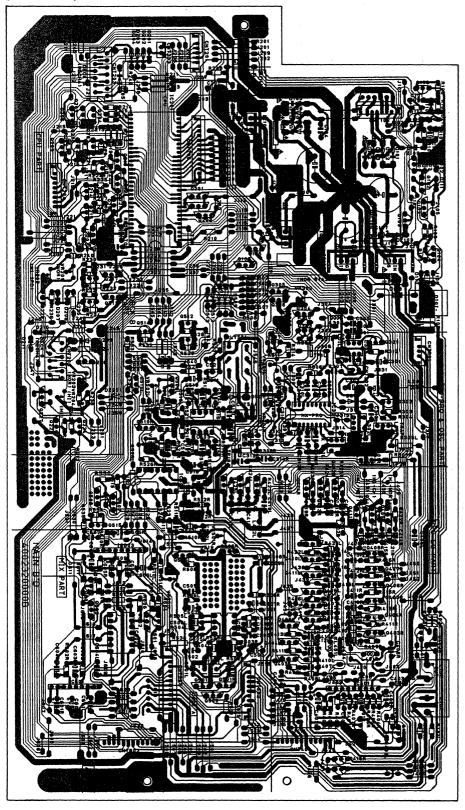
## Adjustment Point (MAIN P.C. BOARD)

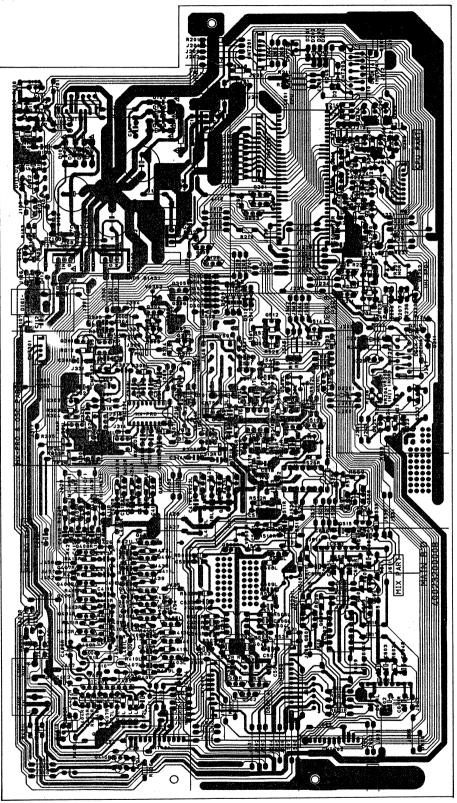




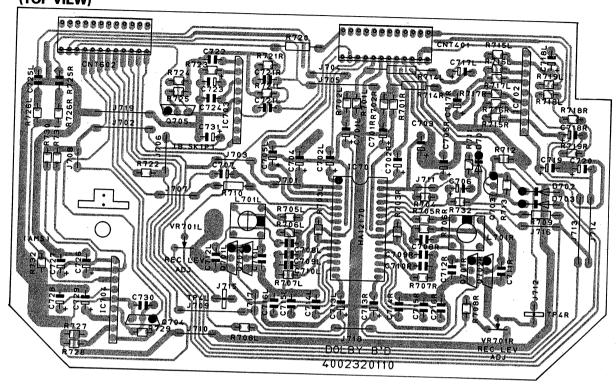
### P.C. Boards (Top & Bottom Views)

MAIN P.C BOARD (TOP VIEW)

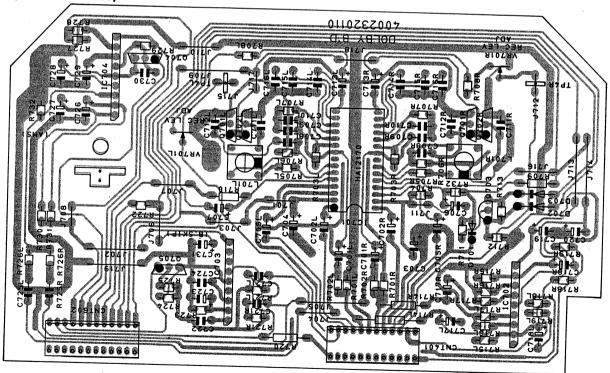


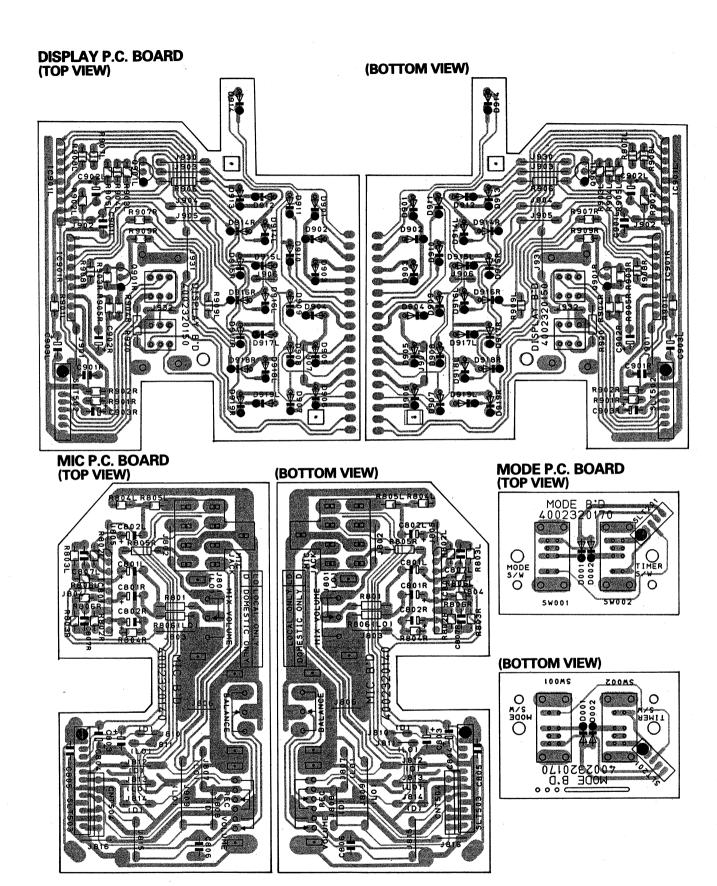


### DOLBY P.C. BOARD (TOP VIEW)

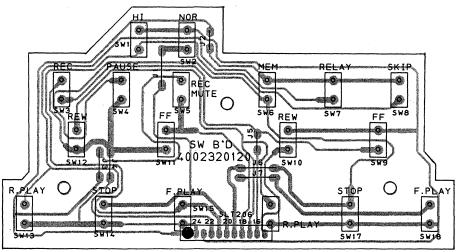


#### (BOTTOM VIEW)

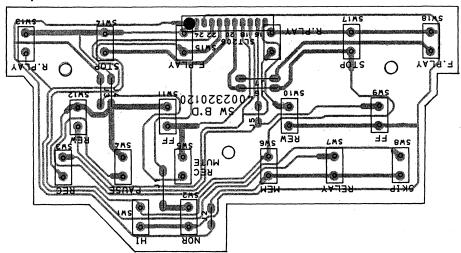




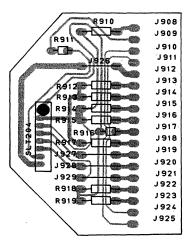
### SW P.C. BOARD (TOP VIEW)



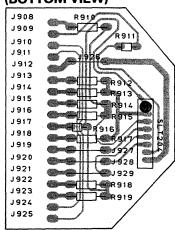
#### (BOTTOM VIEW)



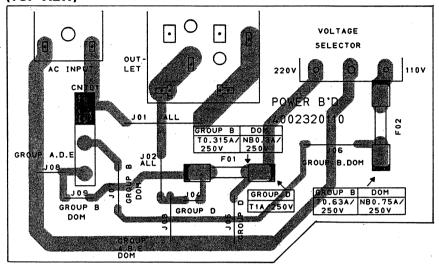
### DISPLAY P.C. BOARD (TOP VIEW)



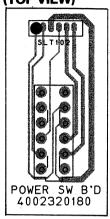
#### (BOTTOM VIEW)



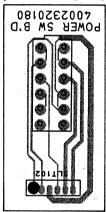
### POWER P.C. BOARD (TOP VIEW)



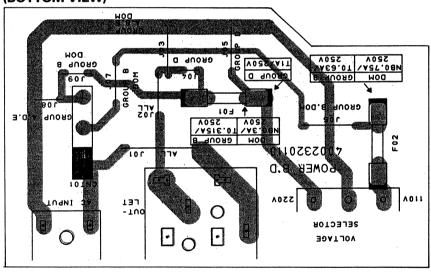
### POWER SW P.C. BOARD (TOP VIEW)



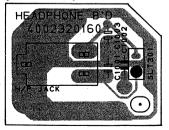
#### (BOTTOM VIEW)



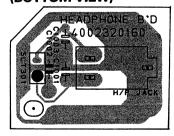
#### (BOTTOM VIEW)



### **HEADPHONE P.C. BOARD** (TOP VIEW)

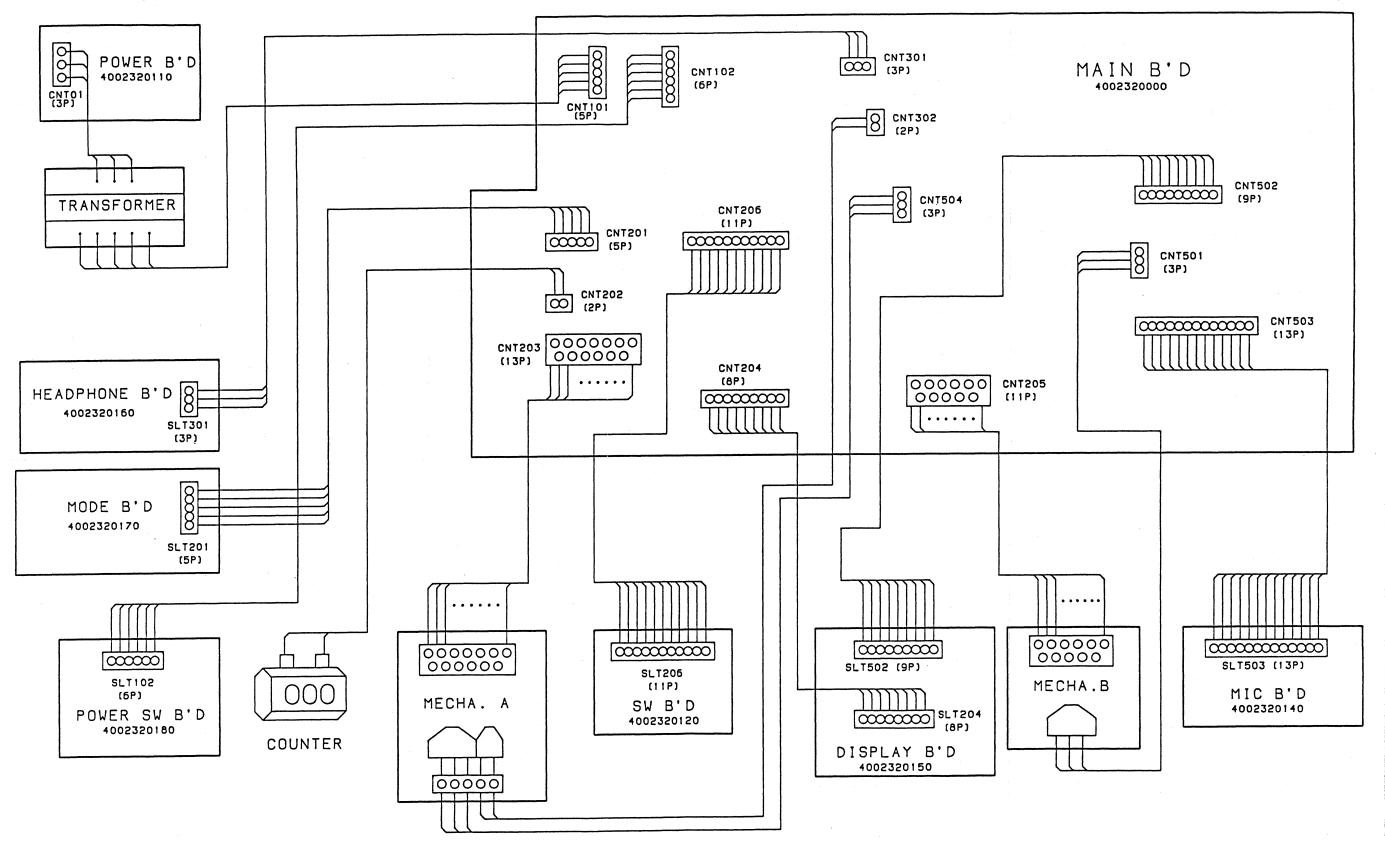


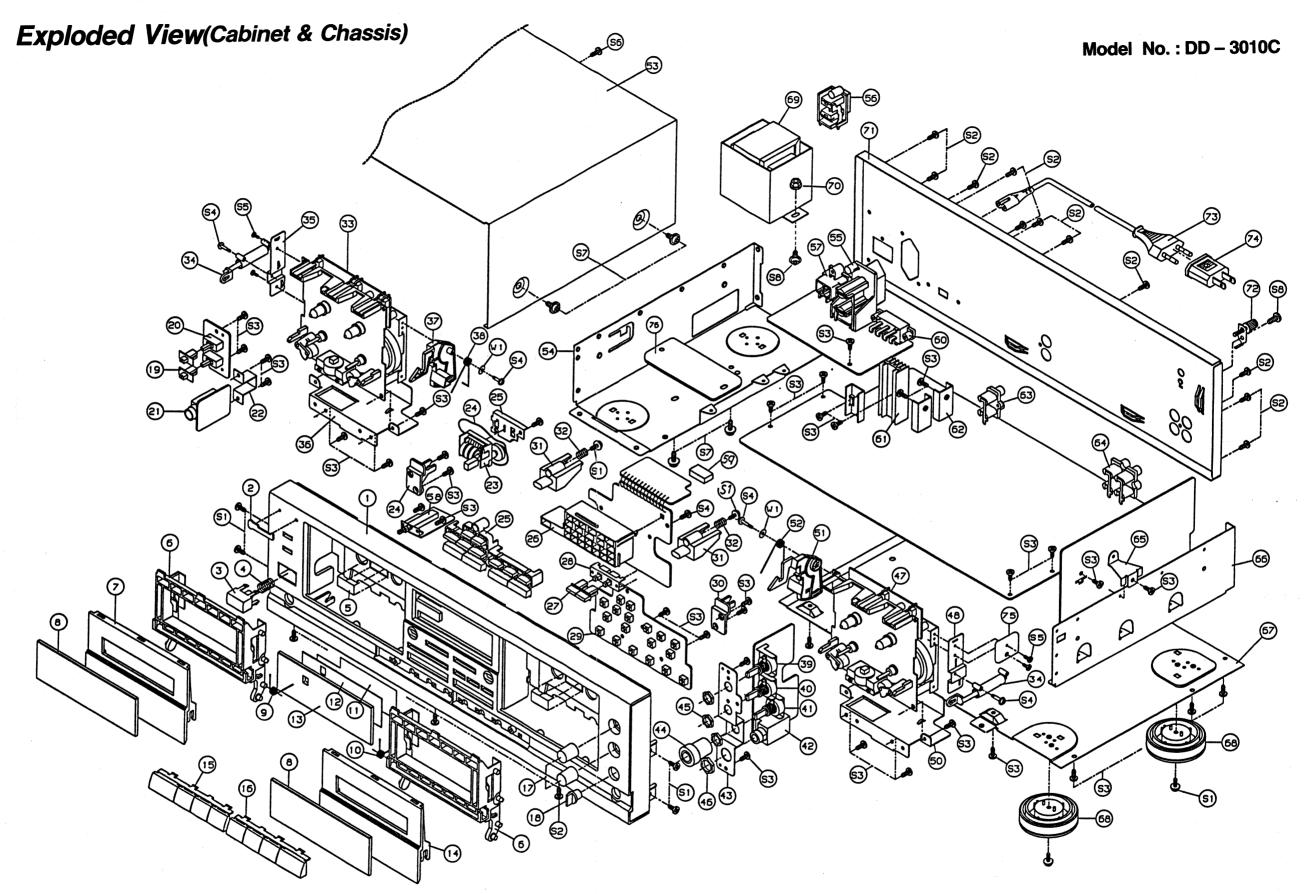
#### (BOTTOM VIEW)



### Wiring Diagram

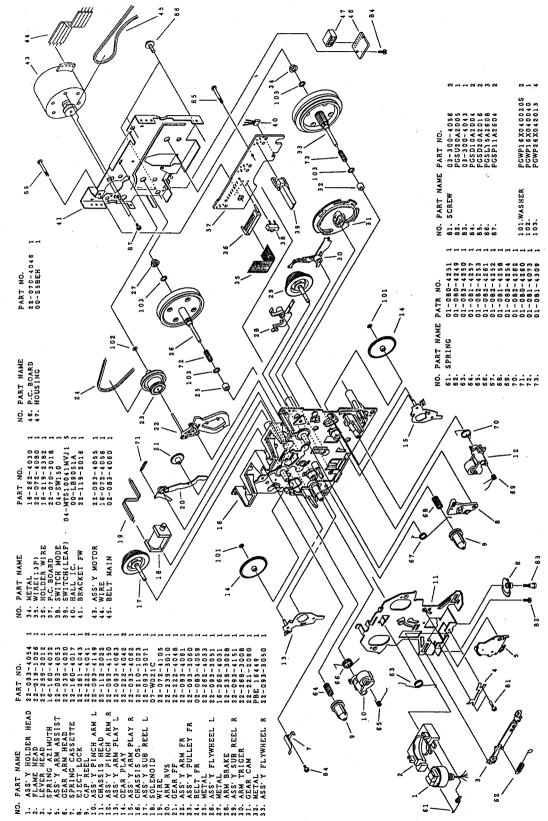
**Model No.: DD - 3010C** 



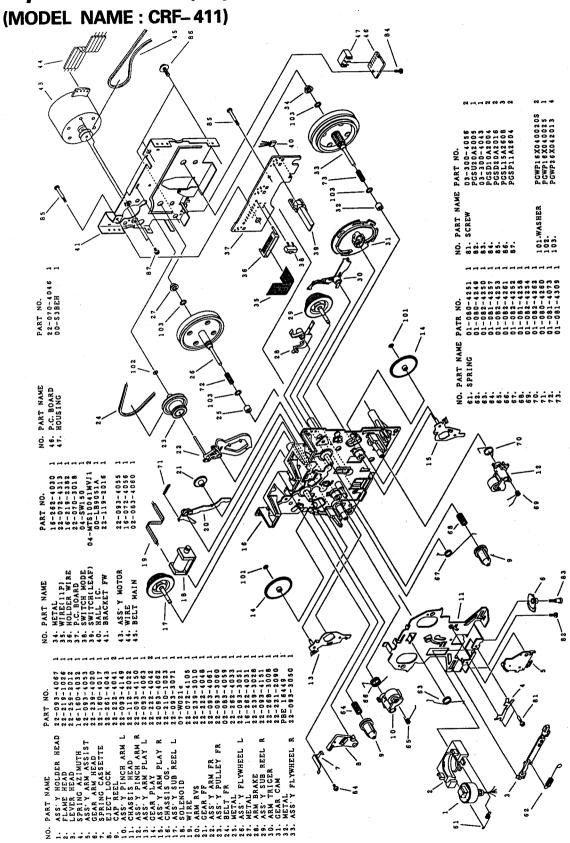


### **Exploded View(I)** (Deck Mechanism Ass'y)

(MODEL NAME : CRF-410)



### Exploded View(II) (Deck Mechanism Ass'y)



### Electrical Parts List

PRODUCT SAFETY NOTICE: If you replace any of these components, carefully read the product safety notice of this manual. Don't degrade the safety of the product through improper servicing. Remark meaning for version, so refer to power requirement of Specifications in this manual. Resistors & Capacitors tolerance;  $D(\pm 0.5\%)$ ,  $J(\pm 5\%)$ ,  $K(\pm 10\%)$ ,  $M(\pm 20\%)$ , Z(+80%), -20%

Capacitors	Ref.No	Part No.		Description	1		Remark
C101	Main	P.C. B	oard				
C102/C103   3479247971   Electric SA   4.7uF   50V   M   3679473120   Mylar   0.047uF   50V   J   C106   3409332249   Electric SG   220uF   25V   M   C107   3479322121   Electric SG   220uF   10V   M   C110/C111   3519104935   Ceramic   0.1uF   50V   K   C201   347932701   Electric SG   22uF   50V   M   C202   3519104935   Ceramic   0.1uF   50V   K   C201   3479322071   Electric SG   22uF   50V   M   C202   3519104935   Ceramic   0.1uF   50V   K   C201   347932061   Electric SG   32uF   35V   M   C304   3679133120   Mylar   0.012uF   100V   J   C305   3679153120   Mylar   0.012uF   100V   J   C306   3679472120   Mylar   0.015uF   100V   J   C309L/R   3679273120   Mylar   0.027uF   100V   J   C301L/R   3679103120   Mylar   0.027uF   100V   J   C311L/R   3679103120   Mylar   0.027uF   100V   J   C311L/R   3679103120   Mylar   0.027uF   100V   J   C311L/R   367913120   Mylar   0.015uF   100V   J   C316/C317   3479333061   Electric SG   33uF   35V   M   Mylar   0.014uF   100V   J   C316/C317   3479333061   Electric SG   33uF   35V   M   C402L/R   3479212971   Electric SG   33uF   35V   M   C402L/R   3479212971   Electric SG   33uF   35V   M   C401L/R   367933120   Mylar   0.027uF   100V   J   C211L/R   367933120   Mylar   0.047uF   100V   J   C211L/R   367933120   Mylar   0.047uF   100V   J   C211L/R   367933120   Mylar   0.03uF   100V   J   C411L/R   3679153120   Mylar   0.015uF   100V   J   C411L/R   3679333120   Mylar   0.015uF   100V   J   C411L/R	Capacito	rs					, , , , , , , , , , , , , , , , , , , ,
C104		1					
C105			1 .			- 1	
C106/C108   340932249   Electric SG   2200							
C107		1					
C109		1					
C110/C111   3519104935   Ceramic   O.1uF   50V   K   Ceramic   O.001uF   50V   K   Ceramic   O.001uF   50V   K   Ceramic   O.001uF   50V   K   Ceramic   O.1uF   50V   M   Ceramic   O.012uF   100V   J   Ceramic   O.0047uF   100V   J   Ceramic   O.047uF   100V   J   Ceramic   O.0047uF   100V   J   Ceramic   O.0	•						
C112						- 1	
C201	•	1	1				
C202 3519104935	C112	35/9102130	Ceramic	0.001uF	50V	K	
C202 3519104935	C201	3479322071	Electric SG	22uF	50V	м.	
C302   3479333061   Electric SG   33uF   35V   M   3679123120   Mylar   0.012uF   100V   J   C305   3679153120   Mylar   0.015uF   100V   J   C306   3679472120   Mylar   0.0047uF   100V   J   C308L/R   3679273120   Mylar   0.027uF   100V   J   C309L/R   3679273120   Mylar   0.022uF   100V   J   C310L/R   3679103120   Mylar   0.015uF   100V   J   C311L/R   3579561130   Ceramic   560pF   50V   J   C313L/R   3579331130   Ceramic   330pF   50V   J   C316L/R   3479247971   Electric SG   33uF   35V   M   C403L/R   3479247971   Electric SA   4.7uF   50V   M   Electric SG   33uF   35V   M   Electric SG   349333120   Mylar   0.018uF   100V   J   Mylar   0.018uF   100V   J   Mylar   0.018uF   100V   J   Mylar   0.027uF   100V   J	C202	3519104935	Ceramic	0.1uF	50V	- 4	
C302   3479333061   Electric SG   33uF   35V   M   3679123120   Mylar   0.012uF   100V   J   C305   3679153120   Mylar   0.015uF   100V   J   C306   3679472120   Mylar   0.0047uF   100V   J   C308L/R   3679273120   Mylar   0.027uF   100V   J   C309L/R   3679273120   Mylar   0.022uF   100V   J   C310L/R   3679103120   Mylar   0.015uF   100V   J   C311L/R   3579561130   Ceramic   560pF   50V   J   C313L/R   3579331130   Ceramic   330pF   50V   J   C316L/R   3479247971   Electric SG   33uF   35V   M   C403L/R   3479247971   Electric SA   4.7uF   50V   M   Electric SG   33uF   35V   M   Electric SG   349333120   Mylar   0.018uF   100V   J   Mylar   0.018uF   100V   J   Mylar   0.018uF   100V   J   Mylar   0.027uF   100V   J	C201 /C202	0470010101	Floresia CC	100	10)/		
C304 3679123120 Mylar 0.012uF 100V J 3679153120 Mylar 0.015uF 100V J 3679153120 Mylar 0.015uF 100V J 3679153120 Mylar 0.0047uF 100V J 367923120 Mylar 0.027uF 100V J 367923120 Mylar 0.021uF 100V J 3679153120 Mylar 0.021uF 100V J 3679153120 Mylar 0.015uF 100V J 3679153120 Mylar 0.015uF 100V J 3679153120 Mylar 0.047uF 100V J 3679153120 Mylar 0.033uF 100V J 3679153120 Mylar 0.033uF 100V J 3679153120 Mylar 0.015uF 100V J 3679153120 Mylar 0.027uF 1							
C305 3679153120 Mylar 0.015UF 100V J C306 3679472120 Mylar 0.0047UF 100V J C308L/R 3679223120 Mylar 0.027UF 100V J C309L/R 3679223120 Mylar 0.027UF 100V J C311L/R 3579561130 C2312 Mylar 0.047UF 100V J C313L/R 3579331130 C316L/R 3679473120 C406L/R 347922771 Electric SA 4.7UF 50V M Electric SA 4.7UF 50V M Electric SA 0.22UF 50V M Electric SA 0.22UF 50V M Electric SA 0.22UF 50V M Electric SA 0.23UF 35V M Electric SA 0.23UF 35V M Electric SA 0.23UF 50V M Mylar 0.018UF 100V J Mylar 0.03UF 100V J Mylar		1					
C306			, ,				
C307         3579100130         Ceramic         10pF         50V         D           C308L/R         3679273120         Mylar         0.027uF         100V         J           C309L/R         3679223120         Mylar         0.022uF         100V         J           C310L/R         3679103120         Mylar         0.01uF         100V         J           C311L/R         3579561130         Ceramic         560pF         50V         J           C313L/R         3579331130         Ceramic         330pF         50V         J           C315L/R         •         Not used!         Ceramic         470pF         50V         J           C316L/R         3579471120         Ceramic         470pF         50V         J           C316L/R         3479333061         Electric SG         33uF         35V         M           C401L/R         3479222871         Electric SA         4.7uF         50V         M           C403L/R         3479222871         Electric SA         3uF         35V         M           C406L/R         3479210971         Electric SA         1uF         50V         M           C408L/R         3679333120         Mylar	i .		, ,			- 1	
C308L/R         3679273120         Mylar         0.027uF         100V         J           C309L/R         3679223120         Mylar         0.022uF         100V         J           C310L/R         3679103120         Mylar         0.01uF         100V         J           C311L/R         357961130         Ceramic         560pF         50V         J           C313L/R         3579331130         Ceramic         330pF         50V         J           C315L/R         •         Not used!         Ceramic         470pF         50V         J           C316L/R         3579471120         Ceramic         470pF         50V         J           C316L/R         3579471120         Ceramic         470pF         50V         J           C316L/R         3479247971         Electric SA         4.7uF         50V         M           C401L/R         3479247971         Electric SA         0.22uF         50V         M           C403L/R         3479247971         Electric SA         1uF         50V         M           C406L/R         347937161         Electric SA         1uF         50V         M           C407L/R         3679333120         Mylar		1					
C309L/R         3679223120         Mylar         0.022uF         100V         J           C310L/R         3679103120         Mylar         0.01uF         100V         J           C311L/R         3579561130         Ceramic         560pF         50V         J           C312         3679473120         Mylar         0.047uF         100V         J           C315L/R         3579331130         Ceramic         330pF         50V         J           C316L/R         3579471120         Ceramic         470pF         50V         J           C316L/R         3479333061         Electric SA         33uF         35V         M           C401L/R         3479333061         Electric SA         4.7uF         50V         M           C401L/R         3479247971         Electric SA         0.22uF         50V         M           C403L/R         3479210971         Electric SA         1uF         50V         M           C406L/R         347933120         Mylar         0.033uF         100V         J           C408L/R         6         Not used!			I			- 1	
C310L/R 3679103120 Mylar 0.01uF 100V J 379561130 Ceramic 560pF 50V J Mylar 0.047uF 100V J Ceramic 330pF 50V J Not used! C316L/R 3579471120 Ceramic 470pF 50V J Not used! C316/C317 3479333061 Electric SA 4.7uF 50V M Electric SA 33uF 35V M Electric SA 0.22uF 50V M Electric SA 33uF 35V M Electric SA 0.22uF 50V M Electric SA 33uF 35V M Electric SA 1uF 50V M Electric SA 3679183120 Mylar 0.018uF 100V J Mylar 0.018uF 100V J Mylar 0.018uF 100V J Electric SA 3679273120 Mylar 0.027uF 100V J Mylar 0.027uF 100V J Electric SA 33uF 35V M Electric SA 33uF		1	,				
C311L/R 3579561130							
C312			1 . '				
C313L/R 3579331130			I .				
C315L/R C314L/R C316/C317 C3479333061 C401L/R C401L/R C402L/R C403/C404 C403/C404 C408L/R C408L/R C409L/R C409			. ,				
C314L/R 3579471120   Ceramic 470pF 50V J   Electric SG 33uF 35V M   Electric SG 33uF 35V M   Electric SG 33uF 35V M   Electric SA 4.7uF 50V M   Electric SA 4.7uF 50V M   Electric SA 0.22uF 50V M   Electric SA 33uF 35V M   Electric SA 33uF 35V M   Electric SG 33uF 35V M   Electric SG 33uF 35V M   Electric SA 1uF 50V M   Electric SA 3079133120   Mylar 0.018uF 100V J Mylar 0.018uF 100V J   Electric SA 3079133120   Mylar 0.027uF 100V J   Electric SA 30F9 183120   Mylar 0.027uF 100V J   Electric SA 30F9 50V J   Electric SA 30F9 50V J   Electric SA 33uF 35V M   Electric		3579331130			50V	J	
C316/C317		·	1			1	
C401L/R 3479247971 Electric SA 4.7uF 50V M Electric SA 0.22uF 50V M Electric SA 33uF 35V M Electric SA 1uF 50V M Electric SA 33uF 35V M Electric SA 1uF 50V M Electric SA 1uF 50V M M Mylar 0.033uF 100V J Mylar 0.03uF 100V J Mylar 0.018uF 100V J Mylar 0.015uF 100V J Mylar 0.033uF 100V J Mylar 0.027uF 100V J Mylar 0.027uF 100V J Mylar 0.027uF 100V J Mylar 0.027uF 100V J Mylar 0.018uF 100V J Mylar 0.027uF 100V J Mylar 0.018uF 100						L	
C402L/R         3479222871         Electric SA         0.22uF         50V         M           C403/C404         3479347161         Electric SG         33uF         35V         M           C406L/R         3479210971         Electric SA         1uF         50V         M           C407L/R         3679333120         Mylar         0.03uF         100V         J           C408L/R         0.047uF         100V         J         Not used!           C409L/R         3679472120         Mylar         0.018uF         100V         J           C410L/R         3679133120         Mylar         0.018uF         100V         J           C412L/R         3679133120         Mylar         0.018uF         100V         J           C412L/R         3679153120         Mylar         0.018uF         100V         J           C414L/R         •         Not used!           C416L/R         367923120         Mylar         0.022uF         100V         J           C417L/R         3679233120         Mylar         0.027uF         100V         J           C418L/R         3679183120         Mylar         0.027uF         100V         J           C419L/R	C316/C317	3479333061	Electric SG	33uF	35V	M	
C402L/R         3479222871         Electric SA         0.22uF         50V         M           C403/C404         3479347161         Electric SG         33uF         35V         M           C406L/R         3479210971         Electric SA         1uF         50V         M           C407L/R         3679333120         Mylar         0.03uF         100V         J           C408L/R         0.047uF         100V         J         Not used!           C409L/R         3679472120         Mylar         0.018uF         100V         J           C410L/R         3679133120         Mylar         0.018uF         100V         J           C412L/R         3679133120         Mylar         0.018uF         100V         J           C412L/R         3679153120         Mylar         0.018uF         100V         J           C414L/R         •         Not used!           C416L/R         367923120         Mylar         0.022uF         100V         J           C417L/R         3679233120         Mylar         0.027uF         100V         J           C418L/R         3679183120         Mylar         0.027uF         100V         J           C419L/R	C401L/R	3479247971	Electric SA	4.7uF	50V	м	
C403/C404         3479347161         Electric SG         33uF         35V         M           C406L/R         3479210971         Electric SA         1uF         50V         M           C407L/R         3679333120         Mylar         0.033uF         100V         J           C408L/R         •         Not used!         O.0047uF         100V         J           C410L/R         3679183120         Mylar         0.018uF         100V         J           C411L/R         3679183120         Mylar         0.018uF         100V         J           C412L/R         3679183120         Mylar         0.018uF         100V         J           C413L/R         3679153120         Mylar         0.015uF         100V         J           C414L/R         •         Not used!         Not used!         100V         J           C416L/R         3679223120         Mylar         0.022uF         100V         J           C417L/R         3679273120         Mylar         0.027uF         100V         J           C418L/R         3679273120         Mylar         0.027uF         100V         J           C419L/R         3679183120         Mylar         0.018uF		I	ı				
C406L/R         3479210971         Electric SA         1uF         50V         M           C407L/R         3679333120         Mylar         0.033uF         100V         J           C408L/R         8679472120         Mylar         0.0047uF         100V         J           C410L/R         3679183120         Mylar         0.018uF         100V         J           C411L/R         3679183120         Mylar         0.015uF         100V         J           C412L/R         3679183120         Mylar         0.018uF         100V         J           C413L/R         3679153120         Mylar         0.015uF         100V         J           C416L/R         3679223120         Mylar         0.022uF         100V         J           C416L/R         3679273120         Mylar         0.03uF         100V         J           C418L/R         3679273120         Mylar         0.027uF         100V         J           C418L/R         3679183120         Mylar         0.027uF         100V         J           C419L/R         3679183120         Mylar         0.018uF         100V         J           C501L/R         357931130         Ceramic         330pF							
C407L/R         3679333120         Mylar         0.033uF         100V         J           C408L/R         •         Not used!         Not used!           C409L/R         3679472120         Mylar         0.0047uF         100V         J           C410L/R         3679183120         Mylar         0.018uF         100V         J           C411L/R         3679183120         Mylar         0.018uF         100V         J           C413L/R         3679153120         Mylar         0.015uF         100V         J           C414L/R         •         Not used!         Not							
C408L/R C409L/R C409L/R C410L/R C410L/R C410L/R C411L/R C411L/							
C409L/R         3679472120         Mylar         0.0047uF         100V         J           C410L/R         3679183120         Mylar         0.018uF         100V         J           C411L/R         3679153120         Mylar         0.015uF         100V         J           C412L/R         3679153120         Mylar         0.018uF         100V         J           C413L/R         3679153120         Mylar         0.015uF         100V         J           C415L/R         3679223120         Mylar         0.022uF         100V         J           C416L/R         3679333120         Mylar         0.027uF         100V         J           C418L/R         3679273120         Mylar         0.027uF         100V         J           C419L/R         3679183120         Mylar         0.018uF         100V         J           C501L/R         3579331130         Ceramic         330pF         50V         J           C504L/R         3579471130         Ceramic         470pF         50V         J						٠	
C410L/R         3679183120         Mylar         0.018uF         100V         J           C411L/R         3679153120         Mylar         0.015uF         100V         J           C412L/R         3679183120         Mylar         0.018uF         100V         J           C413L/R         3679153120         Mylar         0.015uF         100V         J           C415L/R         3679223120         Mylar         0.022uF         100V         J           C416L/R         3679333120         Mylar         0.033uF         100V         J           C417L/R         3679273120         Mylar         0.027uF         100V         J           C418L/R         3679183120         Mylar         0.018uF         100V         J           C501L/R         3579331130         Ceramic         330pF         50V         J           C502/C503         3479330161         Electric SA         33uF         35V         M           C504L/R         3579471130         Ceramic         470pF         50V         J		3679472120			100V	J.	
C411L/R         3679153120         Mylar         0.015uF         100V         J           C412L/R         3679183120         Mylar         0.018uF         100V         J           C413L/R         3679153120         Mylar         0.015uF         100V         J           C414L/R         •         Not used!         Not used! </td <td></td> <td>1</td> <td>, ,</td> <td></td> <td></td> <td></td> <td></td>		1	, ,				
C412L/R         3679183120         Mylar         0.018uF         100V         J           C413L/R         3679153120         Mylar         0.015uF         100V         J           C414L/R         •         Not used!         Not used!<		1					
C413L/R       3679153120       Mylar       0.015uF       100V       J         C414L/R       •       Not used!       .         C415L/R       3679223120       Mylar       0.022uF       100V       J         C416L/R       3679333120       Mylar       0.033uF       100V       J         C417L/R       3679273120       Mylar       0.027uF       100V       J         C419L/R       3679183120       Mylar       0.018uF       100V       J         C501L/R       3579331130       Ceramic       330pF       50V       J         C502/C503       3479330161       Electric SA       33uF       35V       M         C504L/R       3579471130       Ceramic       470pF       50V       J		1	1 '				
C414L/R         •         Not used!           C415L/R         3679223120         Mylar         0.022uF         100V         J           C416L/R         3679333120         Mylar         0.033uF         100V         J           C417L/R         3679273120         Mylar         0.027uF         100V         J           C419L/R         3679183120         Mylar         0.027uF         100V         J           C501L/R         3579331130         Ceramic         330pF         50V         J           C502/C503         3479330161         Electric SA         33uF         35V         M           C504L/R         3579471130         Ceramic         470pF         50V         J	ì	1	1				
C415L/R         3679223120         Mylar         0.022uF         100V         J           C416L/R         3679333120         Mylar         0.033uF         100V         J           C417L/R         3679273120         Mylar         0.027uF         100V         J           C418L/R         3679273120         Mylar         0.027uF         100V         J           C419L/R         3679183120         Mylar         0.018uF         100V         J           C501L/R         3579331130         Ceramic         330pF         50V         J           C502/C503         3479330161         Electric SA         33uF         35V         M           C504L/R         3579471130         Ceramic         470pF         50V         J		1				۱	
C416L/R       3679333120       Mylar       0.033uF       100V       J         C417L/R       3679273120       Mylar       0.027uF       100V       J         C418L/R       3679273120       Mylar       0.027uF       100V       J         C419L/R       3679183120       Mylar       0.018uF       100V       J         C501L/R       3579331130       Ceramic       330pF       50V       J         C502/C503       3479330161       Electric SA       33uF       35V       M         C504L/R       3579471130       Ceramic       470pF       50V       J		3679223120	I .		100V	- 1	
C417L/R       3679273120       Mylar       0.027uF       100V       J         C418L/R       3679273120       Mylar       0.027uF       100V       J         C419L/R       3679183120       Mylar       0.018uF       100V       J         C501L/R       3579331130       Ceramic       330pF       50V       J         C502/C503       3479330161       Electric SA       33uF       35V       M         C504L/R       3579471130       Ceramic       470pF       50V       J		1	1 '				4
C418L/R       3679273120       Mylar       0.027uF       100V       J         C419L/R       3679183120       Mylar       0.018uF       100V       J         C501L/R       3579331130       Ceramic       330pF       50V       J         C502/C503       3479330161       Electric SA       33uF       35V       M         C504L/R       3579471130       Ceramic       470pF       50V       J		•					
C419L/R         3679183120         Mylar         0.018uF         100V         J           C501L/R         3579331130         Ceramic         330pF         50V         J           C502/C503         3479330161         Electric SA         33uF         35V         M           C504L/R         3579471130         Ceramic         470pF         50V         J			1				
C501L/R         3579331130         Ceramic         330pF         50V         J           C502/C503         3479330161         Electric SA         33uF         35V         M           C504L/R         3579471130         Ceramic         470pF         50V         J							
C502/C503 3479330161 Electric SA 33uF 35V M C504L/R 3579471130 Ceramic 470pF 50V J		1	1			٠,	
C504L/R 3579471130 Ceramic 470pF 50V J	C501L/R	3579331130	Ceramic	330pF	50V	J	
1	C502/C503	1	Electric SA		35V	М	
	C504L/R	3579471130	Ceramic				
C505L/R   3579101130   Ceramic 100pF 50V J	C505L/R	3579101130	Ceramic	100pF	50V	٦ļ	
C506L/R 3679223120 Mylar 0.022@F 100V J	C506L/R	3679223120	' Mylar	0.022 <del>0</del> F	100V	J	
C507L/R 3479247971 Electric SA 4.7uF 50V M	C507L/R	3479247971	Electric SA	4.7uF	50V	М	
C508/C510 • Not used!	C508/C510		Not used			- }	
C509L/R 3679183120 Mylar 0.018uF 100V J	C509L/R	3679183120			100V	J	
C511L/R 3579331130 Ceramic 330pF 50V J	C511L/R	3579331130	Ceramic	330pF	50V		
C512L/R 3579221130 Ceramic 220pF 50V J	C512L/R	3579221130	Ceramic	220pF	50V		

Ref.No	Part No.	Description	Remark
C513L/R	3579821130	Ceramic 820pF 50V J	
C514L/R	3579101130	,	1
C515L/R	3679223120	Mylar 0.022uF 100V J	
C516L/R	3479247971	Electric SA 4.7uF 50V M	
C517L/R	•	Not used!	
C518/C519	3479333061	Electric SG 33uF 35V M	
C520L/R	3679183120	Mylar 0.018uF 100V J	
C521	3479347041	Electric SG 47uF 25V M	
C601L/R	3479247971	Electric SA 4.7uF 50V M	
C602/C603	3479333061	Electric SG 33uF 35V M	
C604L/R-C606L/R	3479247971	Electric SA 4.7uF 50V M	
C607/C608		Electric SG 33uF 35V M	
Connecto	ors	<u> </u>	<u> </u>
CNT101	4428506910	Plug 5P	
CNT102	4428505810	Plug 6P	ļ
	4420303010	i riug oi	
CNT201	4428531320	Wire Trap 5P	
CNT202	4428517510	Plug 2P	
CNT203		Wire Trap 13P	
CNT204	4428531620	1 '	Ì
CNT204 CNT205	4428525320	Wire Trap 11P	1
CNT205 CNT206		Wire Trap 11P	ļ
CN1200	4428531920	vvire trap 11P	
CNT301	4428531120	Wire Trap 3P	
CNT302	4428517510	Piug 2P	
0.11.002	1120017010	Tag Li	
CNT401	4428550120	Board to Board Plug 12P	
		•	
CNT501	4428526870	Plug 3P	
CNT502	4428531720	Wire Trap 9P	
CNT503	4428532120	Wire Trap 13P	
CNT504	4428517610	Plug 3P	
CNT602	4428550120	Board to Board Plug 12P	
Coils	_,		
L301L/R	2658501080	Rec Trap,105kHz	
L302L/R	2638601240	HX—PRO, Coil	
L303/L304	2648610284	Inductor, 1mH	
L305		OSC Coil	
L401L/R		Inductor, 6.3mH	
L402L/R	2648601040	Inductor, 2mH	
Diodes			
D101 D108	2058106100	1N4002	
D109 - D113	2058322101	1N4148M	·
D201 - D208	2058322101	1N4148M	
D209	2058322101	1N4148M	
D210 - D211	2058322101	1N4148M	
D301/D501	2058322101	1N4148M	
D502/D513	2058322101	1N4148M	
			<u> </u>

Ref.No	Part No.	Description	Remark
DZ101/DZ102	2258599103	Zener, UZ DZ5, 1BSB	
DZ103	2258599100	Zener, DZ3, 3BSA	
DZ201	2258599107	Zener, DZ9. 1BSC	
		10000, 020, 7500	
IC's			
IC101	2168606103	KIA7805, Regulator	
IC102	2168606104	KIA7812, Regulator	
IC103	2168602101	MC7808, Regulator	ļ
IC104	2168602102	MC7908, Regulator	
IC201	2138322132	DWP913, CPU	
IC301	2168013111	uPC1297CA, HX – PRO	
IC401	2168206103	KIA4559, Rec EQ	
IC501	2168020106	NJM2068DD, B Deck PB	
IC502	2138001101	GD4066B, A/B Deck PB Switching	
IC503	2168020106	NJM2068DD, A Deck PB	
			_
IC601	2168206103	KIA4559, Buffer	Dom.
IC602	2168010101	GD4066B, MIC MIX Switching	Dom.
IC603	2168206103	KIA4559, Buffer	Dom.
Resistors	L S		
R101	3069562970	5.6kΩ	
R102	3069202970	2kΩ	
R103	3069473970	47kΩ	
R104	3069103970	10kΩ	
R105	3069302970	3kΩ	
R106	3069223970	22kΩ	
R107	3069224970	220kΩ	
R108	3069102970	1kΩ	
R109	3069103970	10kΩ	
R110	3069202970	2kΩ	
R111	3039100572	C.,10Ω 2W	
R112	3069109970	1Ω	1
R113	3069202970	2kΩ	
R201	3069103970	10kΩ	
R202 - R209	3069473970	47kΩ	
R210 - R213	3069103970	10kΩ	
R214 R216	3069102970	1kΩ	1
R217 - R219	3069302970	3kΩ	
R220 - R222	3069473970	47kΩ	
R223	3069302970	3kΩ	
R224 - R225	3069473970	47kΩ	
R226	3069751970	750Ω	
R227	3069473970	47kΩ	
R228	3069751970	750Ω	·
R229	3069102970	1kΩ	
R230	3069472970	4.7kΩ	
R231	3069473970	47kΩ	
R232	3069751970	750Ω	
R233	3069473970	47kΩ	
R234	3069751970	750Ω	
R235/R236	3069473970	47kΩ	
R237/R238	3069432970	4.3kΩ	<b>,</b>
R239/R240	3069302970	3kΩ	
R241	3069183970	18kΩ	
R242	3069473970	47kΩ	[
R243	3069302970	3kΩ	
R244	0000400070	Not used !	
R245	3069103970	10kΩ	
L	l	<u> </u>	L

Ref.No	Part No.		Description	Remark
R246	3069183970	18kΩ		
R247	3069102970	1kΩ		
R248	3069103970	10kΩ		
D201	2060202070	301/0		
R301	3069393970	39kΩ		
R302	3069109970	1Ω		
R303 - R305L/R	3069562970	5.6kΩ		
R306L/R	3069154970 3069333970	150kΩ 33kΩ		
R307L/R		10Ω		
R308	3069100970			
R309	3069473970	47kΩ		* *
R310 R311	3069302970 3069102970	3kΩ		
R312		1kΩ 15Ω		1
[	3069150970	5.6kΩ		·
R313	3069562970	0.0844		
R401L/R	3069273970	27kΩ		
R402L/R	i .	3kΩ		
	3069302970	3kΩ		
R403L/R	3069302970	4		
R404L/R	3069564970 3069682970	560kΩ 6.8kΩ	•	
R405L/R				
R406L/R	3069332970	3.3kΩ		
R407L/R	3069473970 3069822970	47kΩ 8.2kΩ		*
R408L/R	3069822970	8.2kΩ		
R409L/R R410L/R	3069243970	8.2kΩ		
R411L/R	3069243970	24kΩ		
R411L/R	3069512970	5.1kΩ	,	
R413L/R	3069362970	3.6kΩ		
R415L/R	3069221970	220Ω		
R416L/R	3069221970	220Ω	+	
R417L/R	3069181970	180Ω		
R418L/R	3069302970	3kΩ		
R419L/R	3069622970	6.2kΩ		
R423L/R-R425L/R	3069560970	56Ω		
R426	3069302970	3kΩ		
11420	0000002370	J OK		
R501L/R	3069472970	4.7kΩ		
R502L/R	3069104970	100kΩ		
R503L/R	3069390970	39Ω	*	
R504L/R	3069104970	100kΩ		
R505L/R	3069682970	6.8kΩ		
R506L/R	3069302970	3kΩ		
R508L/R	3069302970	3kΩ		
R510L/R	3069333970	33kΩ .		
R511L/R	3069104970	100kΩ		-
R513	3069103970	10kΩ		
R515	3069202970	2kΩ		
R516L/R	3069104970	100kΩ		
R517L/R	3069104970	100kΩ		
R518L/R	3069682970	6.8kΩ		
R521L/R	3069390970	39Ω		
R523	3069330970	33Ω	·	
R524L/R	3069302970	3kΩ		,
R525L/R	3069302970	3kΩ		
R526L/R	3069333970	33kΩ		
R527	3069302970	3kΩ		
R528/R529	3069473970	47kΩ		
R530/R531	3069302970	3kΩ		
R532	3069473970	47kΩ		
R533	3069302970	3kΩ		
R534	3069473970	47kΩ		
R535	3069302970	3kΩ		

			T
Ref.No	Part No.	Description	Remark
R536	3069202970	2kΩ	
		l	1_
R601L/R	3069753970	75kΩ	Dom.
R602L/R	3069104970	100kΩ	Dom.
R603 R604	3069302970	Not used!	D
R605	3069473970	3kΩ 47kΩ	Dom.
R606 – R607	3069202970	2kΩ	Dom. Dom.
R608	3069473970	47kΩ	Dom.
R609L/R	3069104970	100kΩ	Dom.
R610L/R	3069823970	82kΩ	Dom.
R611	3069302970	3kΩ	Dom.
	·		
Variable	Resistor	•	
VR201 – VR204	3248020243	2kΩ(B)	l
	02.100202.10	2.00(0)	
VR301L/R	3248010343	10kΩ(B)	
VR302/VR303	3248050243	5kΩ(B)-	
		, ,	
VR501L/R	3248010343	10kΩ(B)	
VR502L/R	3248010343	10kΩ(B)	
			<u></u>
Transisto	ors		
Q101	2208206105	KTA1266Y PNP	
Q102	2208222105	DTA114Y PNP	
Q103	2208622106	DTC114Y NPN	
Q104	2208606113	KMPS A56 PNP	
Q105	2208222105	DTA114Y PNP	
Q106	2208622106	DTC114Y NPN	
Q107	2208206105	KTA1266Y PNP	
Ω108	2208606112	KTD1302 NPN	
Q109	2208206105	KTA1266Y PNP	
Q201 – Q203	2208222105	DTA114Y PNP	
Q204 - Q206	2208606112	KTD1302 NPN	
Q207 - Q209	2208206105	KTA1266Y PNP	
Q210	2208622106	DTC114Y NPN	
O213	2208206105	KTA1266Y PNP	
Q214/Q215	2208722100	2SA1515 PNP	
Q216 - Q218	2208622106	DTC114Y NPN	
O219	2208722100	2SA1515 PNP	
Q220	2208606113	KMPS A56 PNP	
Q221 Q223	2208622106	DTC114Y NPN	
Q224	2208206105	KTA1266Y PNP	
O225	2208722100		
0004	0000 455445	VTOGGGGAV NIDLI	,
Q301	2208406117	KTC2236AY NPN	
Q302	2208606112	KTD1302 NPN	
0303	2208606114		
Q304 – Q306	2208622106	DTC114Y NPN	
Q307	2208606114	KMPS A06 NPN	
Q401L/R	2208606112	KTD1302 NPN	
Q402L/R	2208606112	KTD1302: NPN	
Q403L/R-Q414L/R	t	DTC114T NPN	
Q415L/R	2208606112	KTD1302 NPN	
Q501L/R	2208622108		
Q502	2208622108	1	
Q506L/R	2208622106	DTC114Y NPN	
Q507/Q508	2208622108	DTC114T NPN	
Q509L/R	2208622106	DTC114Y NPN	
		i	

Ref.No	Part No.	Description	Remark
Q510L/R	2208622106	DTC114Y NPN	
Q511 - Q515	2208606114	KMPS A06 NPN	
Q601	2208206105	KTA1266Y PNP	,
Q602/Q603	2208622108	DTC114T NPN	
Q604	2208206105	KTA1266Y PNP	
Others			<u> </u>
RLY501	5528001020	RY - 12W - K	
Resonator	3938101880	4.19MHz	
•	4235007210	Terminal Ground	·

Ref.No	Part	No.		Description			Remark
Dolby	P.	C.	Boar	ď			
Capacito	rs						
C701L/R	34792	47971	Electric SA	4.7uF	50V	М	
C702L/R	34792	47971	Electric SA	4.7uF	50V	М	
C703 - C704	34793	22121	Electric SG	220uF	10V	М	
C705L/R	34792	47971	Electric SA	4.7uF	50V	М	
C706	34793	22061	Electric SG	22uF	50V	M	
C707	34793	33061	Electric SG	33uF	35V	М	
C708L/R	36793	92120	Mylar	0.0039uF	100V	J	
C709L/R	36792	22120	Mylar	0.0022uF	100V	J	
C710L/R	36792	22120	Mylar	0.0022uF	100V	j	
C711L/R	36791	02120	Mylar	0.001uF	100V	J	
C712L/R	36791	02120	Mylar	0.001uF	100V	J	
C713L/R	34792	33971	Electric SA	3.3uF	50V	М	
C714L/R	36792	22120	Mylar	0.0022uF	100V	J	
C715L/R	35191	04935	Ceramic	0.1uF	50V	K	
C716L/R	35191	04935	Ceramic	0.1uF	50V	K	
C717L/R	34792	47971	Electric SA	4.7uF	50V	М	
C718L/R	34793	47041	Electric SG	47uF	25V	М	
C719/C720	34793	33061	Electric SG	33uF	35V	М	
C721L/R	35791	03530	Ceramic	0.01uF	50V	ĸ	
C722	35191	04935	Ceramic	0.1uF	50V	K	
C723	34792	33871	Electric SA	0.33uF	50V	м	
C724	35191	04935	Ceramic	0.1uF	50V	ĸ	
C725L/R	35791	03530	Ceramic	0.01uF	50V	Κ	
C726		68871	Electric SA	0.68uF	50V	М	
C727		33871	Electric SA	0.33uF	50V	М	
C728/C729	34792	10971	Electric SA	1uF	50V	М	
C730		04935	Ceramic	0.1uF	50V	ĸ	
C731	34793	47041	Electric SG	47uF	25V	М	
Connecto	ors						
CNT401/CNT402		60120	Board to Bo	oard Plug 1	2P		
Coils	L			-			
L701L/R	2000	11000	AADV FILE	10EVI  -			
L/UIL/K	20083	11020	MPX Filter,	IUSKHZ			
Diodes							
D701 - C703	20583	22101	1N4148M				
IC's							l
IC701	21680	11134	HA12170NT, Dolby B/C NR			·	
IC702	21682	06103	KIA4559, H				
IC703		27201	BA335, Blan	•			
IC704		22101	BA336, AM	•			
	<u> </u>						

Ref.No	Part No.	Description	Remark	
Resistors	3			
R701L/R	3069682970	6.8kΩ		
R702L/R	3069302970	3kΩ		
R703L/R	3069223970	22kΩ		
R704	3069183970	18kΩ		
R705L/R	3069242970	2.4kΩ		
R706L/R	3069682970	6.8kΩ		
R707L/R	3069561970	560Ω		
R708L/R	3069102970	1kΩ		
R709	3069243970	24kΩ		
R710	3069223970	22kΩ		
R711	3069103970	10,Ω		
R712	3069302970	3kΩ	ļ	
R713	3069473970	47kΩ	1	
R714L/R	3069333970	33kΩ		
R715L/R	3069103970	10kΩ		
R715L/R	3069562970	5.6kΩ	Dom.	
R716L/R	3069752970	7.5kΩ		
R717L/R	3069473970	47kΩ		
R718L/R	3069103970	10kΩ		
R719L/R	3069100970	10Ω	}	
R720	3069103970	10kΩ		
R721L/R	3069473970	47kΩ		
R722	3069103970	10kΩ		
R723	3069224970	220kΩ		
R724	3069183970	18kΩ		
R725	3069681970	680Ω		
R726L/R	3069473970	47kΩ	]	
R727	3069682970	6.8kΩ	1	
R728/R729	3069103970	10kΩ		
R730	3069394970	390kΩ		
R731	3069274970	270kΩ		
R732	3069103970	10kΩ		
Variable	Resistor	\$	1	
VR701L/R	3069020343	20kΩ(B)		
Transistors				
Q701L/R	2208622106	DTC114Y NPN		
Q702L/R	2208622106	DTC114Y NPN		
Q703	2208206105	KTA1266Y PNP	}	
Q704/Q705	2208622106	DTC114Y NPN		
	<u> </u>			

Ref.No.	Part No.	D	escription			Remark
MIC F	P. C. B	oard				
Capacito	ors					
C801L/R	3479247971	Electric SA	4.7uF	50V	М	
C802L/R	3479247971	Electric SA	4.7uF	50V	М	
C803	3479333061	Electric SG	33uF	35V	М	
C804	3479333061	Electric SG	33uF	35V	М	
C805	3519104935	Ceramic	0.1uF	50V	Κİ	
C806	•	Not used!				
C807L/R	3579221130	Ceramic	220pF	50V	J	
Connect	ors	1			L	
SLT503	4119213204	Wire Flat 13P 200mm to Main Board				

Ref.No	Part No.	Description	Remark
IC			
IC801	2168206103	KIA4559, MIC	
Resisto	rs		
R801	3069240970	24Ω	
R802L/R	3069104970	100kΩ	
R802L/R	3069563970	56kΩ	Dom
R803L/R	3069102970	10	1
R803L/R	3069621970	620Ω	Dom
R804L/R	3069104970	100kΩ	Ì
R805L/R	3069102970	1kΩ	
R806L/R	3069473970	47kΩ	
R807	3069472970	4.7kΩ	

Ref.No	Part No.	Description	Remark	
Display P.C. Board				
Capacito	rs			
C901L/R	3519104935	Ceramic 0.1uF 50V K		
C902L/R	3479210041	Electric SA 10uF 25V M		
C903L/R	3479247941	Electric SA 4.7uF 25V M		
Connect	ors			
SLT204	4119208184	Wire Flat 8P 180mm to Main B'D		
SLT502	4119209264	Wire Flat 9P 260mm to Main B'D		
LED's				
D901	2371124501	SLR - 34 - YCD, Memory		
D902	2371124501	SLR - 34 - YCD, Dolby B		
D903	2371124501	SLR – 34 – YCD, Dolby C		
D904	2371124501	SLR - 34 - YCD, Blank Skip		
D905	2371124501	SLR - 34 - YCD, Nor - Dubbing		
D906	2371124501	SLR - 34 - YCD, Hi - dubbing		
D907	2371124501	SLR - 34 - YCD, R.Play, A Deck		
D908	2371124501	SLR - 34 - YCD, F.Play, A Deck		
D909	2371124501	SLR - 34 - YCD, Relay Play		
D910	2371124501	SLR - 34 - YCD, R.Play, B Deck		
D911	2371124501	SLR - 34 - YCD, F.Play, B Deck		
D912/D913	2371124501	SLR - 34 - YCD, Power On		
D914L/R	2371124501	SLR - 34 - YCD, - 10dB		
D915L/R	2371124501	SLR – 34 – YCD, – 6dB		
D916L/R	2371124501	SLR - 34 - YCD, - 3dB		
D917L/R	2371124701	SLR - 34 - URC, 0dB		
D918L/R	2371124701	SLR – 34 – URC, + 3dB		
D919L/R	2371124701			
D920	2371124701	SLR – 34 – URC, Rec		
Resistor	S			
R901L/R	3069333970	33kΩ		
R902L/R	3069682970	6.8kΩ		
R903L/R	3069202970	2kΩ		
R904L/R	3069822970	8.2kΩ		
R905L/R	3069103970	10Ω		
R906	3069331970			
R907L	R909L/R	3069152970	1.5kΩ	
R909L/R				
R910	3069101970	100Ω		
R911	3069271970	270Ω		
R912 - R919	3069680970	68Ω		
R920	3069681970	680Ω		
Transist	or			
Q901L/R	2208606104	KTC1815Y		
			····	

Ref.No.	Part No.	Description	Remark
Switch	h P.C.	Board	
Connect	or		
SLT206	4119211204	Slat wire 11P	

Ref.No.	Part No.	Description	Remark
Mode	P.C.	3oard	
Connec	tor		
SLT201	4119205264	Wire Flat 5P 260mm to Main Board	
Diodes	<u> </u>		
D001/D002	2058322101	1N4148M	
		1	l

Ref.No	Part No.		Description			Remark
Headp	hone	P.C.	Boar	d		
Capacito	ors	J				
C1001 - C1003	3519104935	Ceramic	0.1uF	50V	K	
Connect	or				L	
SLT301	4119203404	Wire Flat 3P	400mm to Main	Board		

Ref.No.	Part No.	Description	Remark
Power	Switc	h P. C. Board	
Connect	or	·	
SLT102	4119206284	Wire Flat 6P 280mm to Main Board	

Ref.No.	Part No.	Description	Remark
Power	P.C.	Board	
Connect	or		
CNT01	4428525790	Plug 3P	
Fuses	1		
F01	5508302034	T1A 250V	C,D,F,KLE,SGE
(F01)	5508301434	T315mA 250V	В
(F01)	5508201330	NB300mA 250V	Dom.
F02	5508301734	T630mA 250V	В
(F02)	5508201830	NB750mA 250V	Dom.
Others			1
. •	4255001010	Clip Fuse	
•	2828087307	Transformer 120V 60Hz	A
•	2828087407	Transformer 120V/60Hz 220V/50Hz	В
•	2828082007	Transformer 230V 50Hz	C,D,F,SGE.
•	2828089907	Transformer 240V 50Hz	E
•	2828092007	Transformer 220V 50Hz	KLE
•	2828089807	Transformer 110V/220V 60Hz	Dom.

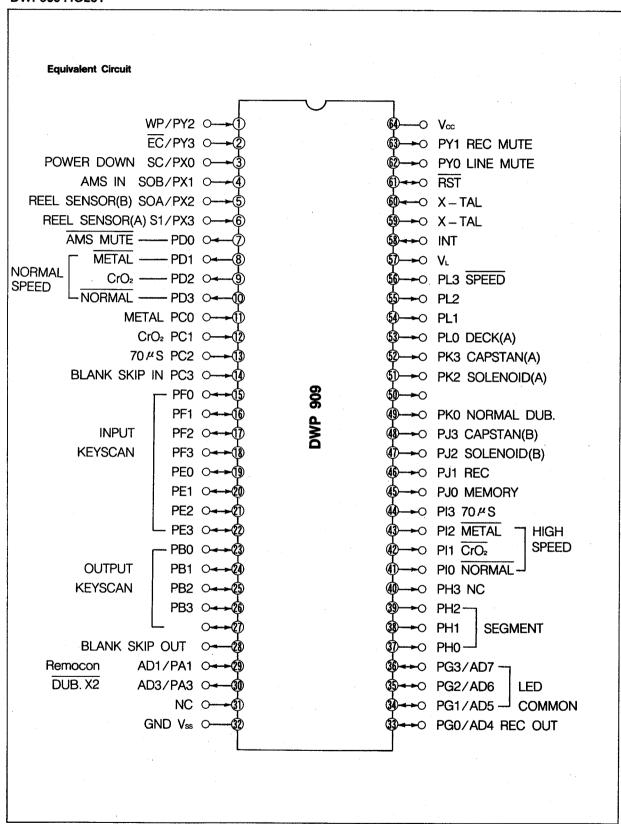
### Mechanical Parts List

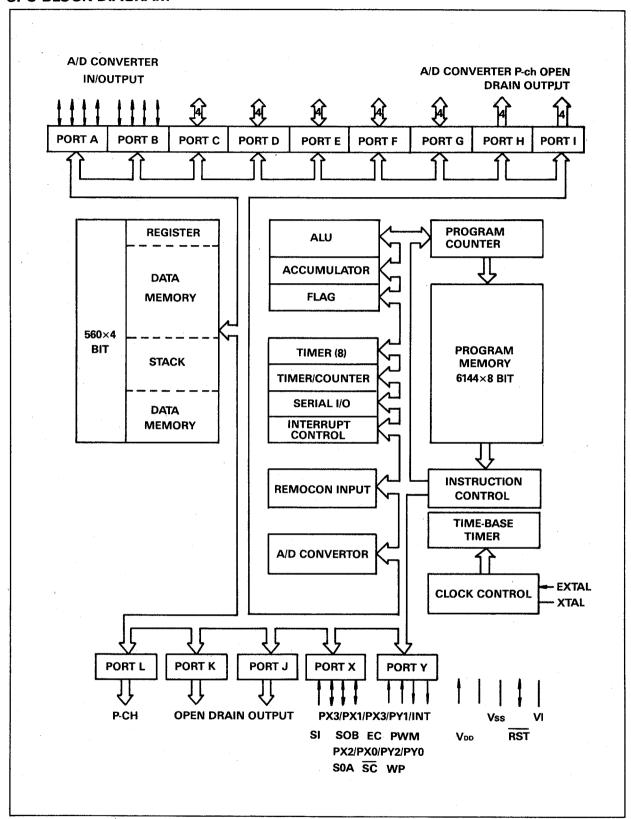
No.	Description	Part No.	Q'ty	Remark
- 1	Panel Front, Black	048501022411	1	
1	Panel Front, Black	048501022412	1	DOM.
2 2	Badge, Sherwood Badge	048535031911	1 1	DOM
3	Button Power, Black	8545074310		DOM.
4	Spring Button	6555004380		
5	Label Silver	9057079250	2	
6	Casette Case	8562002310	2	
7	Door Deck, A	048563005711	1	
8	Window Door	048555037511	2	
9	Spring Door, A	6555011010	1	
10	Spring Door, B	6555011020	1	
11	Diffuser LED	8535036110	1	
12	Inlay LED	048535034710	1	
13	Window LED	048555037410	1	·
14 15	Door Deck, B Button Main, A, Black	048563005712 048543041711	1	
16	Button Main, A, Black	048543041711		
17	Knob Phone, Black	048545076011	2	*
18	Knob MIC	048545085811	1 .	DOM.
19	Knob Slide	8542084520	2	
20	Switch Slide	4618006710	2	
21	Jack Phones, 3P	4438005010	1	
22	Bracket Phone	6505092310	1	
23	Counter Tape	5318003310	1	
24	Belt	7165000610	1	
25	Bracket Counter	6105116110	1	
26	Holder LED	6513005210	1	
27	Button Push	8545092110	2	
28 29	Switch Push Switch Tact	4618058810	1 18	
30	Hinge Case, B	4658003710 6515012820	10	
31	Button Eject	8543041910	2	
32	Spring Eject	6555607310	2	
33	Mecha Deck, A	5708012510	1	
34	Air Damper	6308001510	2	
35	Bracket Damper, A	6105115910	1	
36	Bracket Mechanism	6103022410	1	:
37	Locker Eject, A	7143103910	1	
38	Spring Locker, A	6555802310	1	
39	VR Level, 100KA×2	3208062610	1	·
40	VR Balance, 100KSW	3208062010	1	DOM
41 42	VR MIC, 10KA×1 Jack Phones, 9P	3208059510 4438005210	1	DOM.
43	Bracket VR	6105116210	1	
44	Center Ring	6515013010	1	DOM.
45	Nut M9	•	3	
46	Nut M12	•	1	
47	Mechanism Deck, B	5708012610	1	
48	Bracket Damper, B	6105116010	1	
49	Hinge Case, A	6515012810	1	
50	Bracket Mechanism	6103022410	1	
51	Locker Eject, B	7143103920	1	
52 52	Spring Locker, B	6555802320	1	
53 54	Cover Top, Black Frame Side, L	046122020311 6122632810	1	
55 55	AC Out Let, Black	4448103910	.1	DOM.
56	AC Out Let, Black	4448103610	1	C,D,F
56	AC Out Let, Black	4448103210	1	A,B
57	AC Power Socket, Black	4448003510	i	DOM.,A,B
58	AC Power Socket, Black	4448003310	1	C,D,E,F
58	Switch Power	4628035210	1	

No.	Description	Part No.	Q'ty	Remark
59	Rubber	6715016230	1	
60	Voltage Selector	4618006610	1	DOM.,B
61	Heatsink	7505206120	1	
62	Heatsink Regulator TR	7505202410	3	
63	Jack RCA, Digi	4438105010	1	'
64	Jack RCA, 4P	4438103110	1	İ
65	Bracket P.C.Board	6505116310	1	
66	Frame Side, R	6123620120	1	
67	Cover Buttom	6122416040	1	
68	Foot, Hot Stamping, Gold	046033101611	4	
69	Power Transformer	2828087307	- 1	A
69	Power Transformer	2828087407	1	В
69	Power Transformer	2828082007	1	C,D,F,SGE
69	Power Transformer	2828089907	1	E
69	Power Transformer	2828092007	1	KLE
69	Power Transformer	2828089807	1	DOM.
70	Nut M4×Y	8209540011	2	
71	Back Chassis, Black	6102032410	1	
. 72	Ground Terminal	4408104910	1	DOM.
73	AC Cord Set, Black	4308001810	1	DOM.
73	AC Cord Set, Black	4308005710	1	A,B
73	AC Cord Set, Black	4308006610	1	A,C,F
73	AC Cord Set, Black	4308006010	1	F
74	AC Adapter, Black	4428300310	1	DOM.
75	Shield Plate	.6165142110	1	
76	Bracket Trans	6505124910	1	
Scre	ws			
S1	#2 WPTC 3×8 ZNY	8159230081	10	
S2	#2 BTC 3×8 ZNB	8109230083	14	
S3	#2 BTC 3×8 ZNY	8109230081	33	
S4	Shoulder	8095003310	4	
S5	SAM 3×4 ZNY	8109420041	4	
S6	#2 PTC 3×8 ZNB	8109230083	1	
S7	WSAM 4×8 ZNB	8119440083	4	
S8	#2 PTC 4×6 ZNY	8119240061	3	'
W1	Washer	8309030011	2	

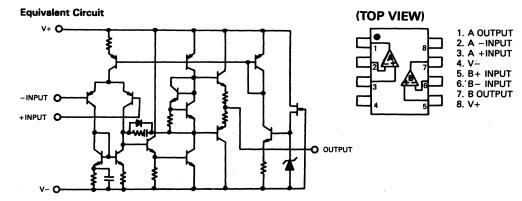
### IC Lead Identification and Internal Diagram

DWP909: IC201

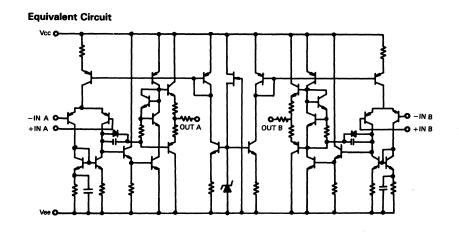


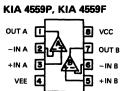


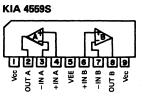
### NJM2068 — (PB AMP): IC501, IC503



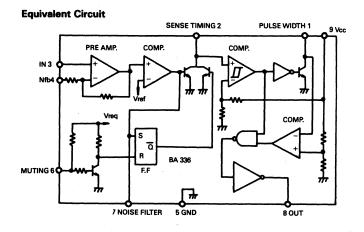
### KIA4559S (6559) — REC AMP,PHONES,MIC AMP. : 401,IC702,IC801



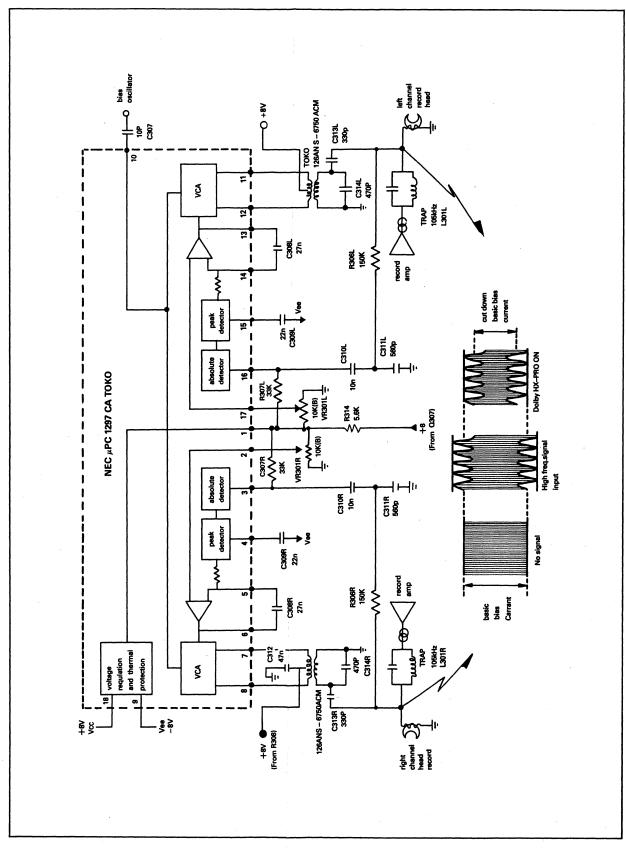




#### BA336 (AMS IC): IC704

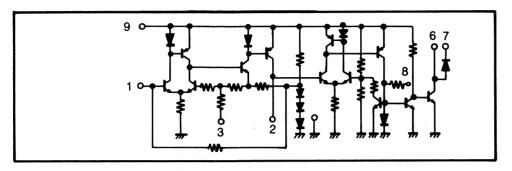


### **μPC 1297 CA: IC301**

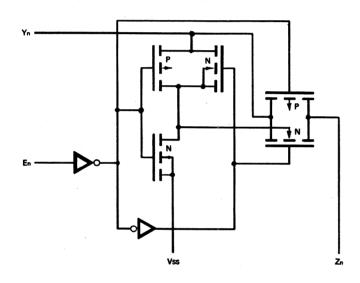


#### BA335 (BLANK SKIP): IC703

**Equivalent Circuit** 



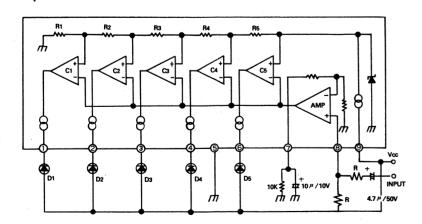
### GD4066B (A & B DECKS SW): IC502,IC602





NOTE
The SO Package has the same pinouts (Connection Diagram) as the Dual In-line Package.

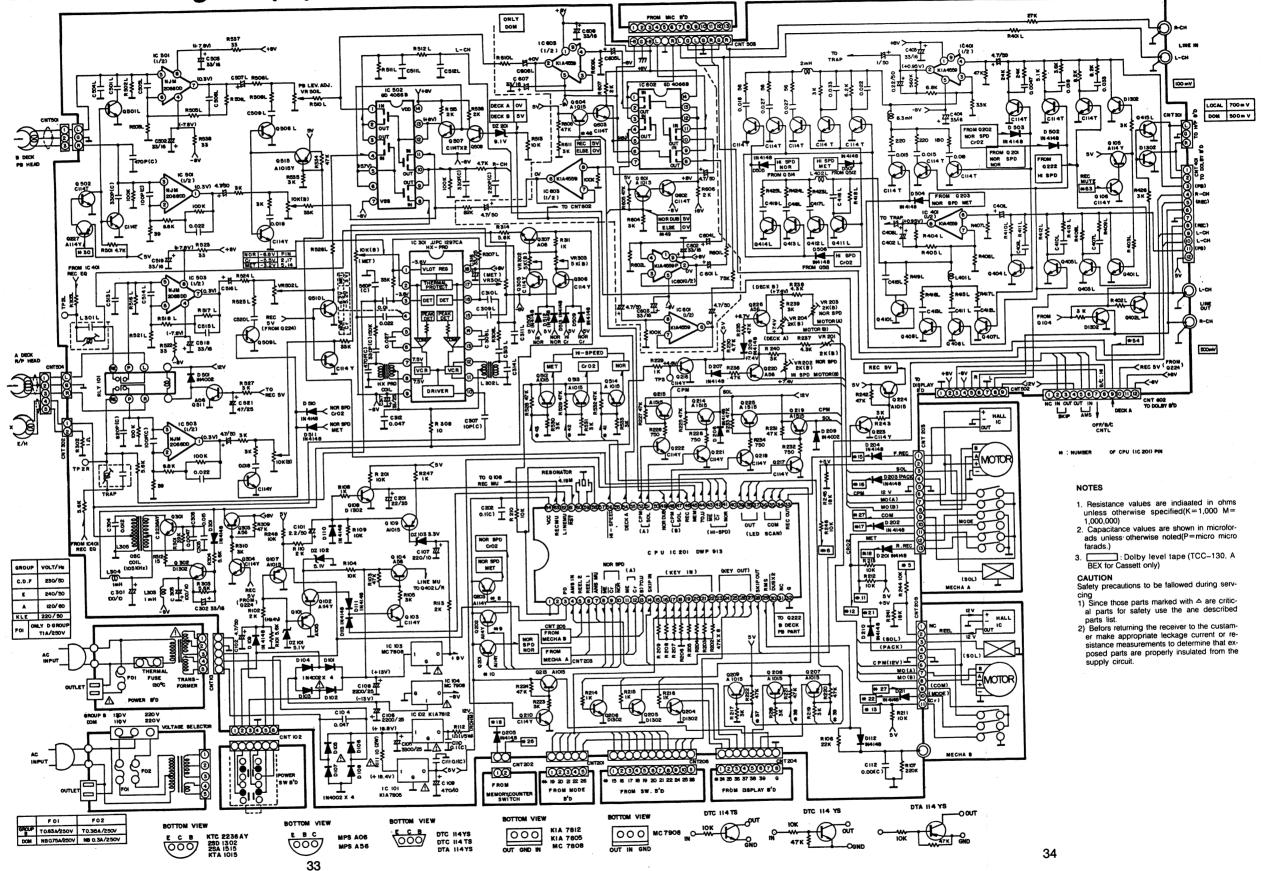
### KA2284 (LED DRIVER: IC901L/R) **Equilvlent Circuit**



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Note:		·		 	
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### Schematic Diagram (I)



### Schematic Diagram (II)

### Model No.: DD - 3010C

